



A54B1H10



A54B1Y10



PTM111



PTM110



A71B1K11



A14B4K11



PTM122



MN3KIM1



BS1010TX1

# Basic Switches



MN1KIM1



MN1MIM2



MN1MUM3

### MN1 Series Mini Switch

Code	Contact Type	Actuator	Actuator Material	Box/Pcs
MN1KIM1	1 CO	Lever	Metal	10
MN1KIM2	1 CO	Lever	Metal	10
MN1KIM3	1 CO	Lever	Metal	10
MN1MIM1	1 CO	Roller Lever	Metal	10
MN1MIM1Y	1 CO	Roller Lever	Metal	10
MN1MIM2	1 CO	Roller Lever	Metal	10
MN1MUM3	1 CO	Roller Plunger	Metal	10
MN1MUM8	1 CO	Roller Plunger	Metal	10
MN1MUM9	1CO	Roller Plunger	Metal	10
MN1PUM1	1 CO	Plunger	Metal	10
MN1PUM3	1 CO	Plunger	Metal	10
MN1PUM7	1 CO	Plunger	Metal	10
MN1PUM9	1 CO	Plunger	Metal	10
MN1PUM9U	1 CO	Plunger	Metal	10
MN1YKAP		Protection Cover	MN1, MN2	100



MN2TIP11



MN2TIP11Y



MN2MIM1Y



MN2PUM9

### MN2 Series Mini Switch

Code	Contact Type	Actuator	Actuator Material	Box/Pcs
MN2TIP11	1 NO	Handle	Plastic	10
MN2TIP11Y*	1 NO	Handle	Plastic	10
MN2TIP1	1 CO	Handle	Plastic	10
MN2KIM1	1 CO	Lever	Metal	10
MN2KIM2	1 CO	Lever	Metal	10
MN2KIM3	1 CO	Lever	Metal	10
MN2MIM1	1 CO	Roller Lever	Metal	10
MN2MIM1Y	1 CO	Roller Lever	Metal	10
MN2MIM2	1 CO	Roller Lever	Metal	10
MN2MUM3	1 CO	Roller Plunger	Metal	10
MN2MUM8	1 CO	Roller Plunger	Metal	10
MN2PUM1	1 CO	Plunger	Metal	10
MN2PUM3	1 CO	Plunger	Metal	10
MN2PUM7	1 CO	Plunger	Metal	10
MN2PUM9	1 CO	Plunger	Metal	10

\* Hardened spring and green button.

NEW



MN3KIM1

NEW



MN3PUM9

### MN3 Series Mini Switch (Metal), IP65

Code	Contact Type	Actuator	Actuator Material	Box/Pcs
MN3KIM1	1 CO	Lever	Metal	10
MN3KIM2	1 CO	Lever	Metal	10
MN3MIM1	1 CO	Roller Lever	Metal	10
MN3MIM2	1 CO	Roller Lever	Metal	10
MN3MUM3	1 CO	Roller Plunger	Metal	10
MN3PUM1	1 CO	Plunger	Metal	10
MN3PUM3	1 CO	Plunger	Metal	10
MN3PUM7	1 CO	Plunger	Metal	10
MN3PUM9	1 CO	Plunger	Metal	10



MN4KIM2



MN4MUM3



MN4PUP1

## MN4 Series Mini Switch

Code	Contact Type	Actuator	Actuator Material	Box/Pcs
MN4KIM1	1 NC+1 NO	Lever	Metal	10
MN4KIM2	1 NC+1 NO	Lever	Metal	10
MN4KIM3	1 NC+1 NO	Lever	Metal	10
MN4MIM1	1 NC+1 NO	Roller Lever	Metal	10
MN4MIM1Y	1 NC+1 NO	Roller Lever	Metal	10
MN4MIM2	1 NC+1 NO	Roller Lever	Metal	10
MN4MUM3	1 NC+1 NO	Roller Plunger	Metal	10
MN4MUM8	1 NC+1 NO	Roller Plunger	Metal	10
MN4PUP1	1 NC+1 NO	Plunger	Plastic	10
MN4PUM7	1 NC+1 NO	Plunger	Metal	10
MN4PUM9	1 NC+1 NO	Plunger	Metal	10



MK1PUP1



MK1KIM1



MK1KIM5



MK1MIP3



MK1PUM9



MK1KIM31A

## Micro Switch

Code	Contact Type	Actuator	Actuator Material	Box/Pcs
MK1PUM9	1 CO	Plunger	Metal	10
MK1PUP1	1 CO	Plunger	Plastic	50
MK1PUP1Y	1 CO	Plunger	Soft Plastic	50
MK1KIM1	1 CO	Lever	Metal	50
MK1KIM2	1 CO	Lever	Metal	50
MK1KIM3	1 CO	Lever	Metal	50
MK1KIM31A	1 NC	Lever	Metal	50
MK1KIM4	1 CO	Lever	Metal	50
MK1KIM5	1 CO	Lever	Metal	40
MK1MIM1	1 CO	Roller Lever	Metal	40
MK1MIM2	1 CO	Roller Lever	Metal	40
MK1MIP1	1 CO	Roller Lever	Metal	50
MK1MIP2	1 CO	Roller Lever	Plastic	40
MK1MIP3	1 CO	Roller Lever	Plastic	40



BS1022



BS1012



BS1010E



BS1012E

## Button Switch, IP50

Code	Contact Type	Actuator	Actuator Material	Box/Pcs
BS1010	1 NO, Snap Action	Plunger	Plastic	20
BS1010E	1 NO, Snap Action	Plunger	Plastic with Silicon Cover	16
BS1011	1 NC, Snap Action	Plunger	Plastic	20
BS1011E	1 NC, Snap Action	Plunger	Plastic with Silicon Cover	16
BS1012	1NO+1NC, Snap Action	Plunger	Plastic	20
BS1012E	1NO+1NC, Snap Action	Plunger	Plastic with Silicon Cover	16
BS1020	1 NO, Slow Action	Plunger	Plastic	20
BS1021	1 NC, Slow Action	Plunger	Plastic	20
BS1022	1NO+1NC, Snap Action	Plunger	Plastic	20



BS1010TX1

## Button Switches, IP 67

Code	Contact Type	Cable Length	Actuator	Actuator Material	Box/Pcs
BS1010TX1	1NO, Snap Action	1m	Plunger	Plastic, With Silicon Cap	1
BS1011TX1	1NC, Snap Action	1m	Plunger	Plastic, With Silicon Cap	1
BS1012TX1	Double Circuit, Snap Action	1m	Plunger	Plastic, With Silicon Cap	1



MA111



MA121



MA111K



MAK

## Toggle Switch

Code	Contact Type	Cable Connection	Actuator Material	Plate	Box/Pcs
MA111	1 NO	2 Screws	Metal	On-Off	10
MA111L	1 NO	2 Soldering Terminals	Metal	On-Off	10
MA111T	1 NO	2 Terminals	Metal	On-Off	10
MA111TT	1 NO	2 Terminals	Metal	On-Off (Black)	10
MA112	1 NO, 1 NC	3 Screws	Metal	On-On	10
MA113	1 NO, 1 NO	3 Screws	Metal	On-Off-On	10
MA121	2 NO	4 Screws	Metal	On-Off	6
MA122	2 NO + 2 NC	6 Screws	Metal	On-On	6
MA123	2 NO + 2 NO	6 Screws	Metal	On-Off-On	6
MA211	1 NO	2 Screws	Metal, Plastic Covered	On-Off	10
MA212	1 NO + 1 NC	3 Screws	Metal, Plastic Covered	On-On	10
MA212T	1 NO + 1 NC	3 Terminals	Metal, Plastic Covered	On-On	10
MA213	1 NO + 1 NO	3 Screws	Metal, Plastic Covered	On-Off-On	10
MA213T	1 NO + 1 NO	3 Terminals	Metal, Plastic Covered	On-Off-On	10
MA221	2 NO	4 Screws	Metal, Plastic Covered	On-Off	6
MA222	2 NO + 2 NC	6 Screws	Metal, Plastic Covered	On-On	6
MA222T	2 NO + 2 NC	6 Terminals	Metal, Plastic Covered	On-On	6
MA223	2 NO + 2 NO			On-Off-On	6
MA513T	1 NO + 1 NO	3 Terminals	Plastic	On-Off-On	10
MA513V	1 NO + 1 NO	3 Screws	Plastic	On-Off-On	10
MAK	-	-	Plastic	-	10



MAY111



MAY121



MAY123



MAY222

## Toggle Switch, Spring Return

Code	Contact Type	Cable Connection	Actuator Material	Plate	Box/Pcs
MAY111	1 NO	2 Screws	Metal	On-Off	10
MAY111L	1 NO	2 Soldering Terminals	Metal	On-Off	10
MAY111T	1 NO	2 Terminals	Metal	On-Off	10
MAY111TT	1 NO	2 Terminals	Metal	On-Off (Black)	10
MAY112	1 NO, 1 NC	3 Screws	Metal	On-On	10
MAY113	1 NO, 1 NO	3 Screws	Metal	On-Off-On	10
MAY121	2 NO	4 Screws	Metal	On-Off	6
MAY122	2 NO + 2 NC	6 Screws	Metal	On-On	6
MAY123	2 NO + 2 NO	6 Screws	Metal	On-Off-On	6
MAY211	1 NO	2 Screws	Metal, Plastic Covered	On-Off	10
MAY212	1 NO + 1 NC	3 Screws	Metal, Plastic Covered	On-On	10
MAY212T	1 NO + 1 NC	3 Terminals	Metal, Plastic Covered	On-On	10
MAY213	1 NO + 1 NO	3 Screws	Metal, Plastic Covered	On-Off-On	10
MAY213T	1 NO + 1 NO	3 Terminals	Metal, Plastic Covered	On-Off-On	10
MAY221	2 NO	4 Screws	Metal, Plastic Covered	On-Off	6
MAY222	2 NO + 2 NC	6 Screws	Metal, Plastic Covered	On-On	6
MAY222T	2 NO + 2 NC	6 Terminals	Metal, Plastic Covered	On-On	6
MA223	2 NO + 2 NO			On-Off-On	6



K25001T



K25011V

### Medium Voltage Cell Switches

Code	Contact Type	Terminal Type	Box/Pcs
K25001T	2 NC, 1 NO	6 Terminals	10
K25001V	2 NC, 1 NO	6 Screws	10
K25011T	1 NC, 2 NO	6 Terminals	10
K25011V	1 NC, 2 NO	6 Screws	10



Z70



Z71

### Elevator Door Switches

Code	Type	Box/Pcs
Z70	Plug	16
Z71	Socket Single Entry	16
Z72	Socket Double Entry	16
Z73	Plug	16
Z74	Socket Single Entry	16



Z72



Z73



Z74



A21B1K11



A12W1K11



A54B1H10



A14B1K11



A54B1Y11



A71B1K11

## Illuminated Rocker Switch

Code	Housing Type	Housing Colour	Feature	Contact Type	Plate	Button Colour	Cable Connection	Box/Pcs
A12B1H10	30*22mm	Black	WO/Illumination	1NO + 1NO	0-1	H	Terminal	50
A12B1K11	30*22mm	Black	W/Illumination	1NO + 1NO	0-1	K	Terminal	50
A12B1S11	30*22mm	Black	W/Illumination	1NO + 1NO	0-1	S	Terminal	50
A12B1Y11	30*22mm	Black	W/Illumination	1NO + 1NO	0-1	Y	Terminal	50
A12B5H10	30*22mm	Black	WO/Illumination	1NO + 1NO	0-1	H	Bridge	50
A12B5K11	30*22mm	Black	W/Illumination	1NO + 1NO	0-1	K	Bridge	50
A12B5S11	30*22mm	Black	W/Illumination	1NO + 1NO	0-1	S	Bridge	50
A12B5Y11	30*22mm	Black	W/Illumination	1NO + 1NO	0-1	Y	Bridge	50
A12W1H10	30*22mm	White	WO/Illumination	1NO + 1NO	0-1	H	Terminal	50
A12W1K11	30*22mm	White	W/Illumination	1NO + 1NO	0-1	K	Terminal	50
A12W1S11	30*22mm	White	W/Illumination	1NO + 1NO	0-1	S	Terminal	50
A12W1Y11	30*22mm	White	W/Illumination	1NO + 1NO	0-1	Y	Terminal	50
A14B1H10	30*22mm	Black	WO/Illumination	2NO	0-1	H	Terminal	50
A14B1K11	30*22mm	Black	W/Illumination	2NO	0-1	K	Terminal	50
A14B1S11	30*22mm	Black	W/Illumination	2NO	0-1	S	Terminal	50
A14B1Y11	30*22mm	Black	W/Illumination	2NO	0-1	Y	Terminal	50
A14B4H10	30*22mm	Black	WO/Illumination	2NO	0-1	H	Screw	50
A14B4K11	30*22mm	Black	W/Illumination	2NO	0-1	K	Screw	50
A14B4S11	30*22mm	Black	W/Illumination	2NO	0-1	S	Screw	50
A14B4Y11	30*22mm	Black	W/Illumination	2NO	0-1	Y	Screw	50
A14B5H10	30*22mm	Black	WO/Illumination	2NO	0-1	H	Bridge	50
A14B5K11	30*22mm	Black	W/Illumination	2NO	0-1	K	Bridge	50
A14B5S11	30*22mm	Black	W/Illumination	2NO	0-1	S	Bridge	50
A14B5Y11	30*22mm	Black	W/Illumination	2NO	0-1	Y	Bridge	50
A14B6H10	30*22mm	Black	WO/Illumination	2NO	0-1	H	Protected Screw	50
A14B6K11	30*22mm	Black	W/Illumination	2NO	0-1	K	Protected Screw	50
A14B6S11	30*22mm	Black	W/Illumination	2NO	0-1	S	Protected Screw	50
A14B6Y11	30*22mm	Black	W/Illumination	2NO	0-1	Y	Protected Screw	50
A14W1K11	30*22mm	White	W/Illumination	2NO	0-1	K	Terminal	50
A14W1S11	30*22mm	White	W/Illumination	2NO	0-1	S	Terminal	50
A14W1Y11	30*22mm	White	W/Illumination	2NO	0-1	Y	Terminal	50
A21B1H10	30*11mm	Black	WO/Illumination	1NO	0-1	H	Terminal	50
A21B1K11	30*11mm	Black	W/Illumination	1NO	0-1	K	Terminal	50
A21B1S11	30*11mm	Black	W/Illumination	1NO	0-1	S	Terminal	50
A21B1Y11	30*11mm	Black	W/Illumination	1NO	0-1	Y	Terminal	50
A21W1K11	30*11mm	White	W/Illumination	1NO	0-1	K	Terminal	50
A21W1S11	30*11mm	White	W/Illumination	1NO	0-1	S	Terminal	50
A21W1Y11	30*11mm	White	W/Illumination	1NO	0-1	Y	Terminal	50
A54B1H10	30*22mm	Black	WO/Illumination IP65	2NO	0-1	H	Terminal	50
A54B1K11	30*22mm	Black	W/Illumination IP65	2NO	0-1	K	Terminal	50
A54B1S11	30*22mm	Black	W/Illumination IP65	2NO	0-1	S	Terminal	50
A54B1Y11	30*22mm	Black	W/Illumination IP65	2NO	0-1	Y	Terminal	50
A71B1H10	Dia 22mm	Black	WO/Illumination	1NO	0-1	H	Terminal	50
A71B1K11	Dia 22mm	Black	W/Illumination	1NO	0-1	K	Terminal	50
A71B1S11	Dia 22mm	Black	W/Illumination	1NO	0-1	S	Terminal	50
A71B1Y11	Dia 22mm	Black	W/Illumination	1NO	0-1	Y	Terminal	50

Code	Type	Box/Pcs
EK1	Silicon Cover, Tight	100
EK2	Silicon Cover, Wide	100



EK1



EK2



PTM110



PTM111



PTM122

## Panel Thermostats

Code	Operation	Type	Contact	Box/Pcs
PTM110	Mechanical	Panel Type Single	NC (Heating-Red)	1
PTM111	Mechanical	Panel Type Single	NO (Cooling-Blue)	1
PTM122	Mechanical	Panel Type Double	NC (Heating-Red)+NO (Cooling-Blue)	1